



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

Asselin, Inc.
2870 Peachtree Rd. NW, #714
Atlanta, GA 30305

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "Manoir" Inswing Wood Casement Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. 08-01856, titled "Manoir In-Swing Casement Single & Double", sheets 1 through 8 of 8, dated 11/26/12, with revision A dated 07/25/13, prepared by manufacturer, signed and sealed by Luis R. Lomas, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name: Asselin SAS, 10 Boulevard Auguste Rodin BP 95, 79102 Thouars Cedex, France, model/series, and the following statement: "Miami-Dade County Product Control Approved."

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 and evidence page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by Manuel Perez, P.E.



MP
9/24/13

NOA No. 13-0327.04
Expiration Date: October 03, 2018
Approval Date: October 03, 2013
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **08-01856**, titled "Manoir In-Swing Casement Single & Double", sheets 1 through 8 of 8, dated 11/26/12, with revision A dated 07/25/13, prepared by manufacturer, signed and sealed by Luis R. Lomas, P.E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
along with marked-up drawings and installation diagram of a series "Manoir" in-swing wood casement window (XX), prepared by Hurricane Test Laboratory, LLC, Test Report No. **HTL-G511-0204-11**, dated 02/28/11 to 03/03/11, signed and sealed by Vinu J. Abraham, P.E.

C. CALCULATIONS

1. Anchor calculations and structural analysis, complying with **FBC-2010**, dated 11/21/12, prepared, signed and sealed by Luis R. Lomas, P.E.
2. Glazing complies with **ASTM E1300-04**

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS


1. Notice of Acceptance No. **12-1231.10** issued to **Eastman Chemical Company (MA)** for their "**Saflex Clear and Color Glass Interlayers**" dated 03/28/13, expiring on 05/21/16.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC-2010**, and of no financial interest, dated November 26, 2012, signed and sealed by Luis R. Lomas, P.E.
2. Laboratory compliance letter for Test Report No. **HTL G511-0204-11**, issued by Hurricane Test Laboratory, LLC, dated 04/20/12, signed and sealed by Vinu J. Abraham, P.E.
3. Distributor Agreement between Asselin, SAS, Thouars Ceder, France and Asselin, Inc., Atlanta, Georgia, USA, dated 03/11/13, signed by Francois Asselin.

G. OTHER

1. None.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 13-0327.04
Expiration Date: October 03, 2018
Approval Date: October 03, 2013

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING THE HVHZ.
2. WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
3. 1X BUCK OVER MASONRY/CONCRETE IS OPTIONAL. WHERE 1X BUCK IS NOT USED DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE. SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
4. ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR $C_d=1.6$ WAS USED FOR WOOD ANCHOR CALCULATIONS.
5. FRAME MATERIAL: WOOD MOABI (SPECIFIC GRAVITY $G=0.87$)
6. UNITS MUST BE GLAZED PER ASTM E1300-04, SEE SHEET 3 FOR GLASS OPTIONS.
7. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
8. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
9. FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #10 WOOD SCREWS WITH 1/2" MINIMUM EDGE DISTANCE AND SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
10. FOR ANCHORING INTO MASONRY/CONCRETE USE 3/16" TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 1/2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
11. FOR ANCHORING INTO METAL STRUCTURE USE #10 SMS OR SELF DRILLING SCREWS WITH 3/4" MINIMUM EDGE DISTANCE AND SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
12. ALL FASTENERS TO BE CORROSION RESISTANT.
13. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
 - A. WOOD - MINIMUM SPECIFIC GRAVITY OF $G=0.42$
 - B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3,192 PSI.
 - C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
 - D. METAL STRUCTURE: STEEL 18GA, 33KSI OR ALUMINUM 6063-T5 1/8" THICK MINIMUM

REVISIONS

REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER MD COMMENTS	07/25/13	R.L.

TABLE OF CONTENTS

SHEET NO.	DESCRIPTION
1	NOTES
2	ELEVATIONS
3 - 4	B.O.M. & CROSS SECTIONS
5 - 6	INSTALLATION DETAILS
7	HARDWARE
8	COMPONENTS & HARDWARE

Approved as complying with the
Florida Building Code
Date 08-3-2013
NOAH 13-0327-04
Miami Dade Product Control

By Maurice

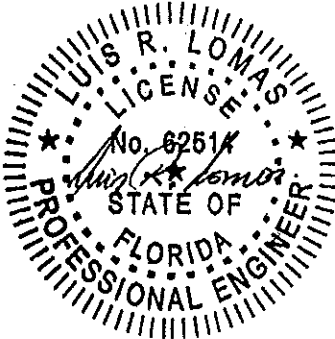
ASSELIN, INC.

2870 PEACHTREE RD. NW, #714
ATLANTA, GA 30305

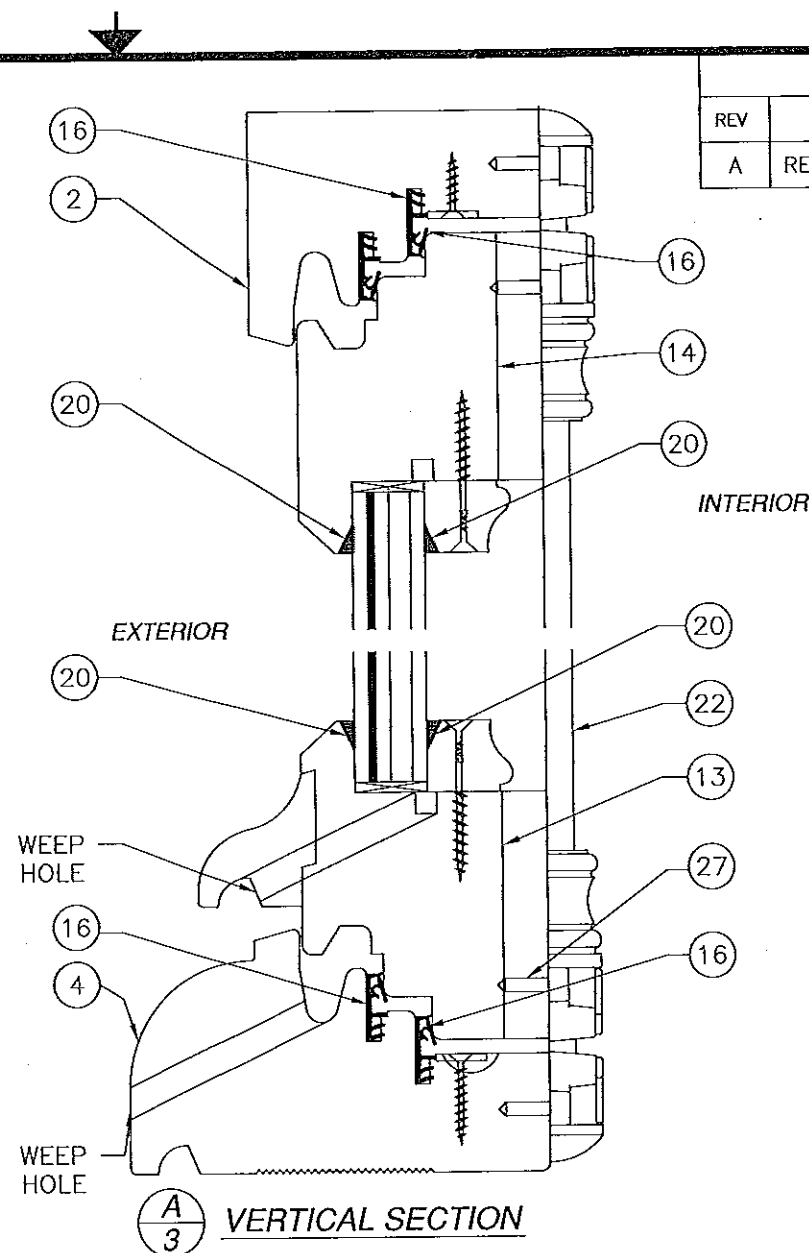
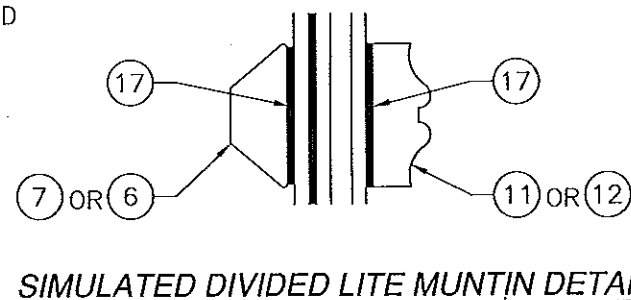
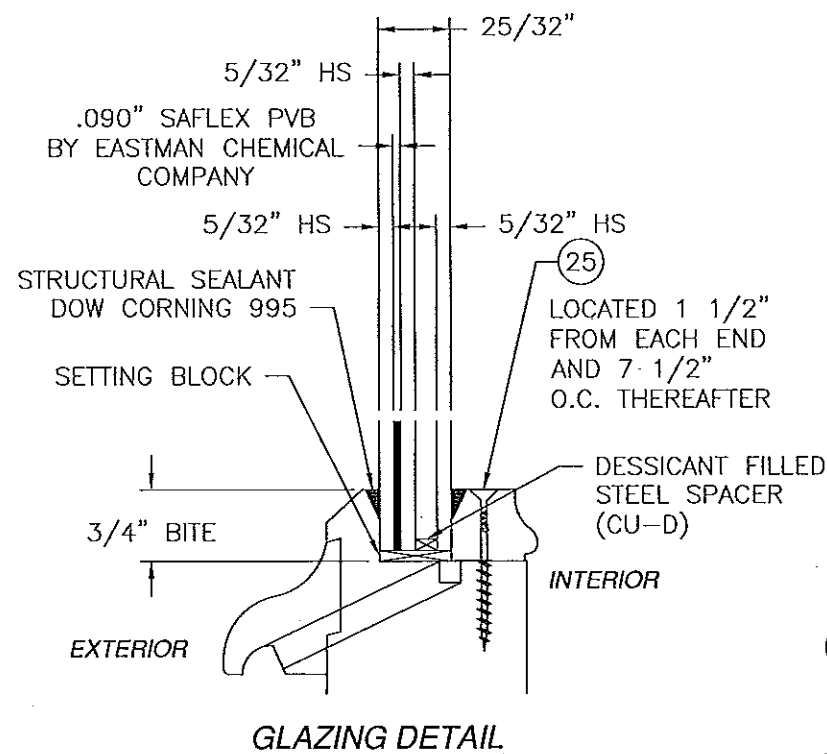
MANOIR IN-SWING CASEMENT
SINGLE & DOUBLE
NOTES

DRAWN: V.L.	DWG NO. 08-01856	REV A
SCALE NTS	DATE 11/26/12	SHEET 1 OF 8

SIGNED: 07/29/2013



BILL OF MATERIALS				
ITEM NO.:	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
1	LJ	LEFT JAMB	ASSELIN	WOOD, SEE NOTE 5
2	TR	TOP RAIL	ASSELIN	WOOD, SEE NOTE 5
3	RJ	RIGHT JAMB	ASSELIN	WOOD, SEE NOTE 5
4	BR	BOTTOM RAIL	ASSELIN	WOOD, SEE NOTE 5
5	SHJ	LEFT SASH HARDWARE JAMB	ASSELIN	WOOD, SEE NOTE 5
6	VMB1	VERTICAL MUNTIN BAR	ASSELIN	WOOD, SEE NOTE 5
7	HMB1	HORIZONTAL MUNTIN BAR	ASSELIN	WOOD, SEE NOTE 5
8	SJ	SASH JAMB (HALF ROUND TONGUE)	ASSELIN	WOOD, SEE NOTE 5
9	CJ	CENTRAL JAMB	ASSELIN	WOOD, SEE NOTE 5
10	SJCJ	SASH JAMB IN CENTRAL JAMB	ASSELIN	WOOD, SEE NOTE 5
11	VMB2	VERTICAL MUNTIN BAR	ASSELIN	WOOD, SEE NOTE 5
12	HMB2	HORIZONTAL MUNTIN BAR	ASSELIN	WOOD, SEE NOTE 5
13	SBR	SASH BOTTOM RAIL	ASSELIN	WOOD, SEE NOTE 5
14	STR	SASH TOP RAIL	ASSELIN	WOOD, SEE NOTE 5
15	RSJS	RIGHT SASH HARDWARE JAMB	ASSELIN	WOOD, SEE NOTE 5
16	F12 R4	PERIPHERAL JOINT	DUAL	EPDM 75 SHORE A
17	DSJ	DOUBLE SIDED JOINT		
18	TS6	TUBE JOINT	DUAL	EPDM 75 SHORE A
19	OP1 PRDD	JOINT	DUAL	
20	995	SEALANT	DOW CORNING	SILICONE
21	TYPE 776	RECESSED CREMONE	FERCO	STEEL
22	SMC	SURFACE MOUNTED CREMONE (FULL ROD 18MM)	REMY GARNIER	STEEL
23	LOUTRE	HINGE 5-1/2X2-3/16	BRIONNE	STEEL
24	#10X4-5/16	SCREW 5X110		STEEL
25	1/8X1-3/4	SCREW 4X45 (FOR GLAZING BEAD)		STEEL
26	1/8X1-3/16	SCREW 4X30 (FOR HINGES)		STEEL
27	1/8X1-3/8	SCREW 4-1/2X40 (FOR CREMONE LOCKS)		STEEL



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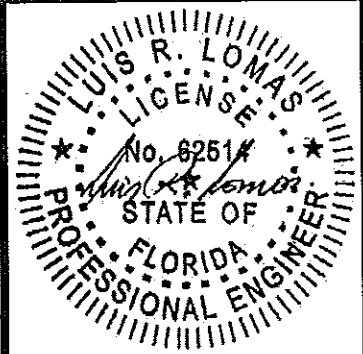
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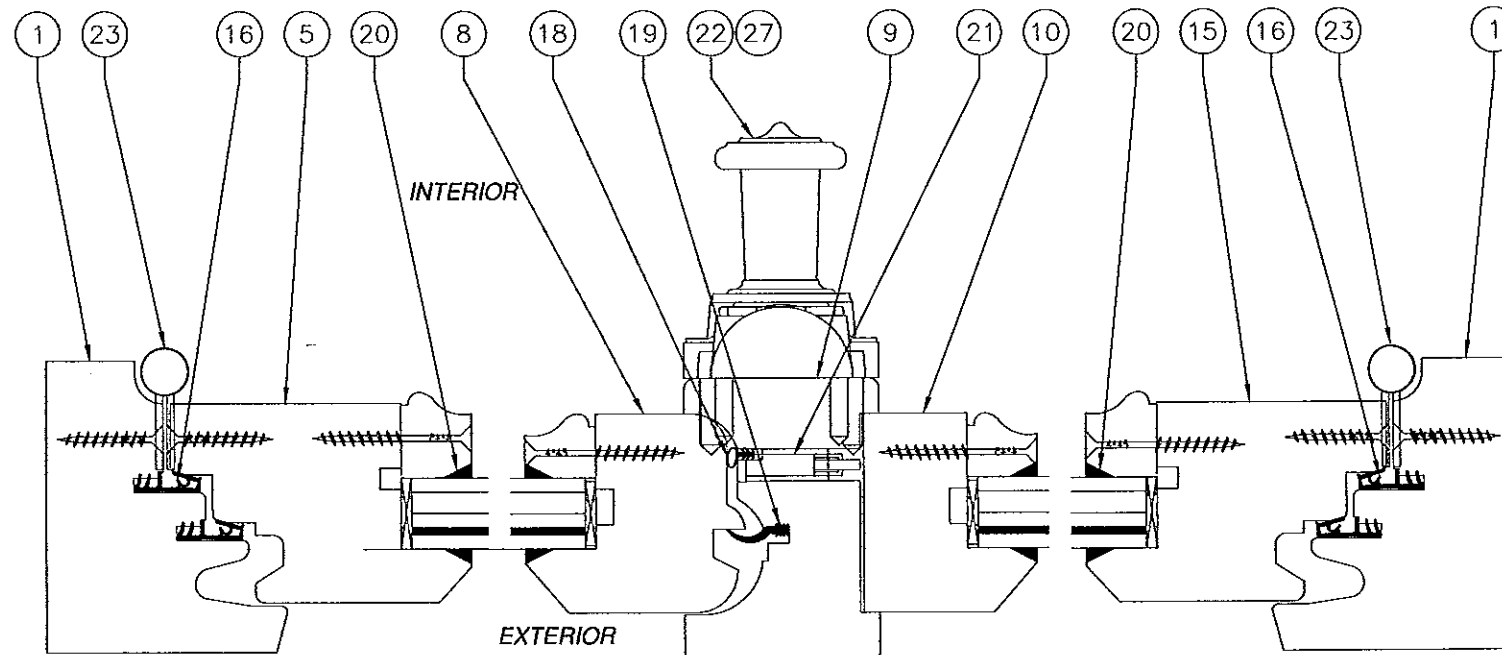
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Florida Building Code
Date Oct 3, 2013
NOA# 13-0377-04
Miami Dade Product Control
By Marcus Rose

ASSELIN, INC.
2870 PEACHTREE RD. NW, #714
ATLANTA, GA 30305

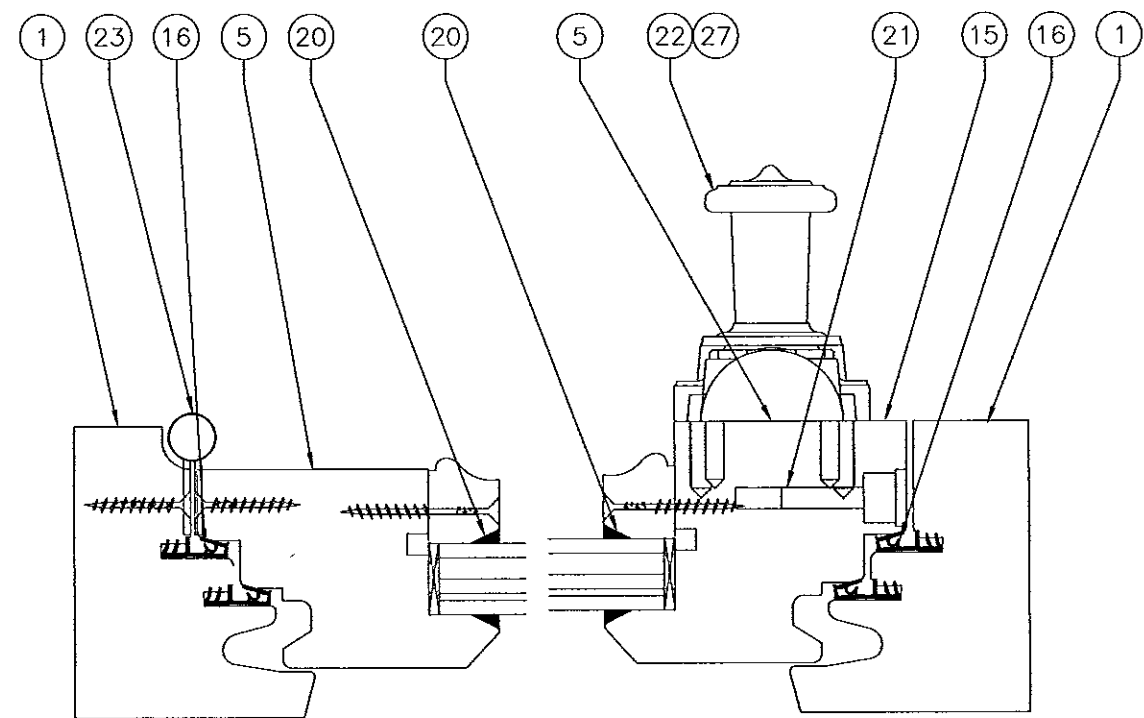
MANOIR IN-SWING CASEMENT
SINGLE & DOUBLE
B.O.M. & CROSS SECTIONS

DRAWN:	DWG NO.	REV
V.L.	08-01856	A
SCALE NTS	DATE 11/26/12	SHEET 3 OF 8





B
4 DOUBLE VENT HORIZONTAL SECTION



C
4 SINGLE VENT HORIZONTAL SECTION

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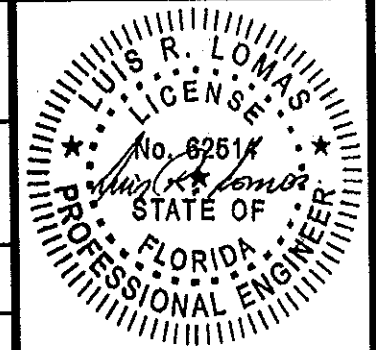
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By Manuel Perez

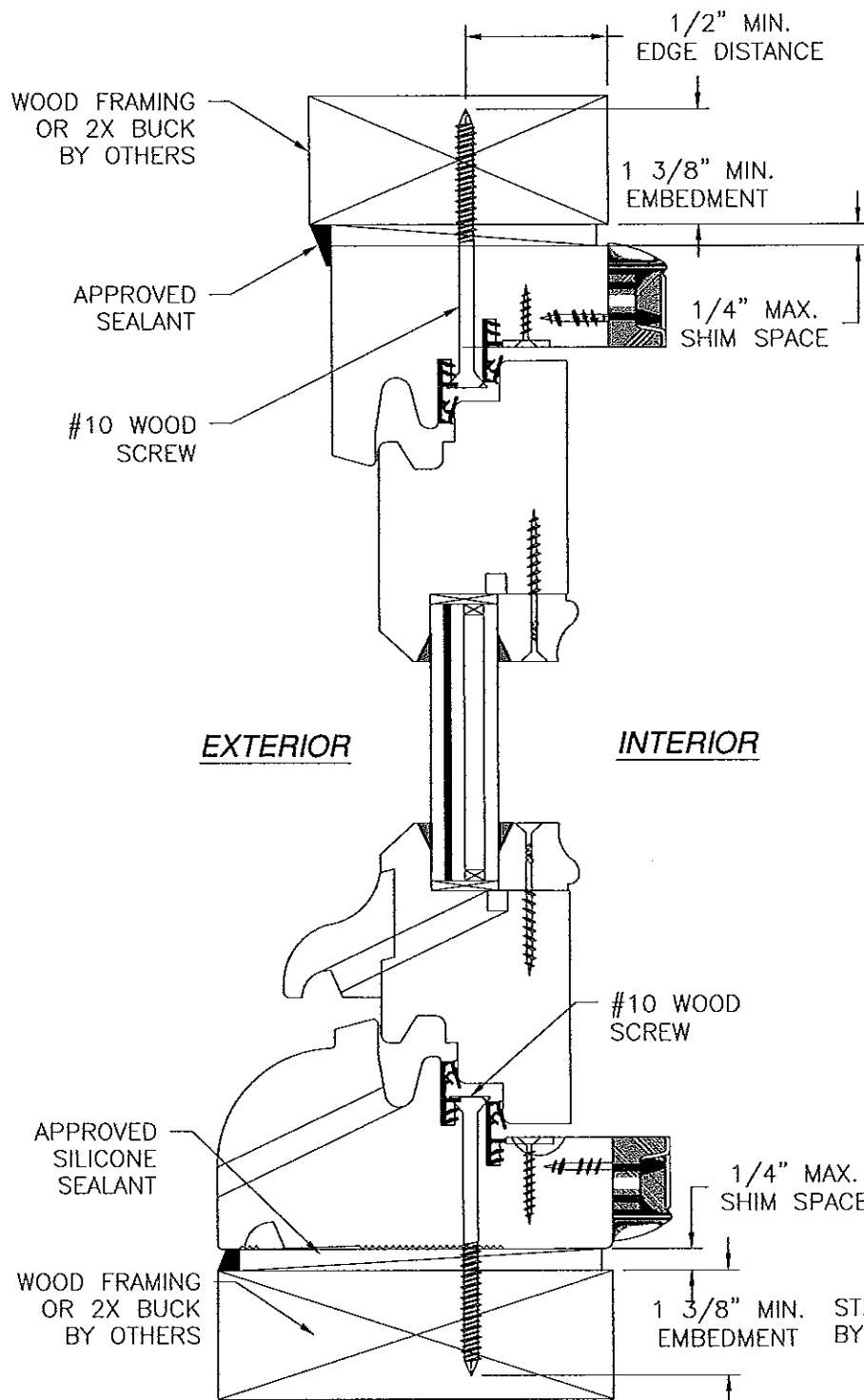
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MANOIR IN-SWING CASEMENT
SINGLE & DOUBLE
CROSS SECTIONS

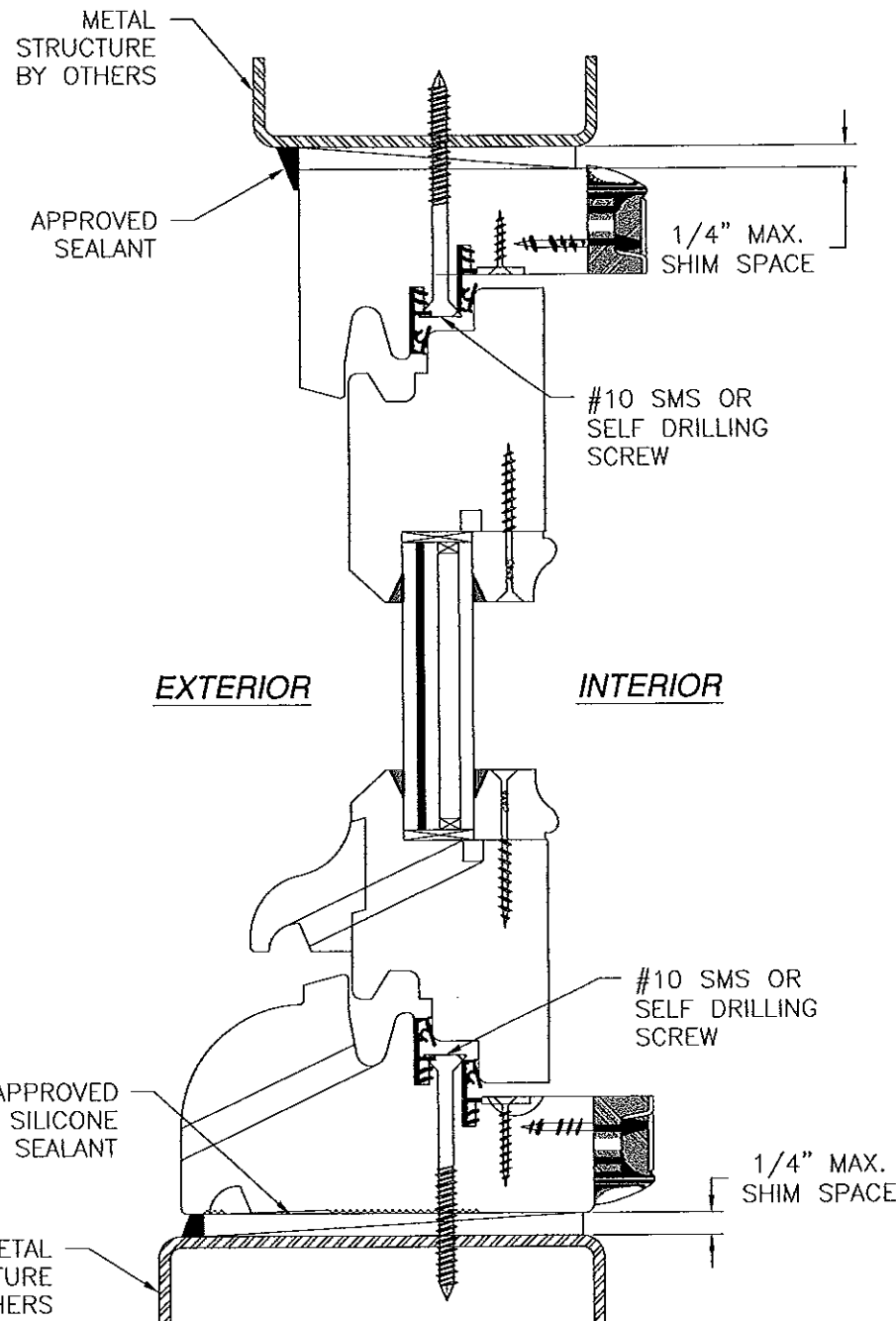
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SIGNED: 07/29/2013



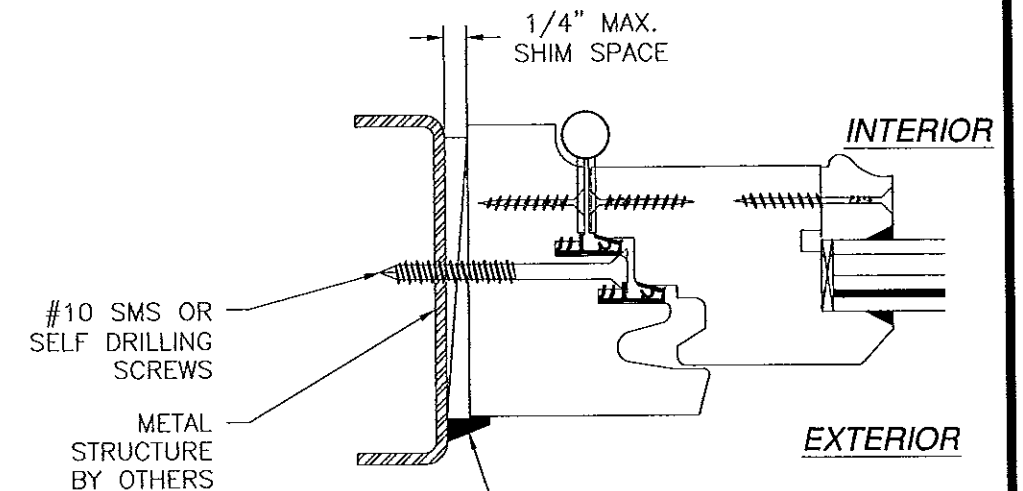


A/5 VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

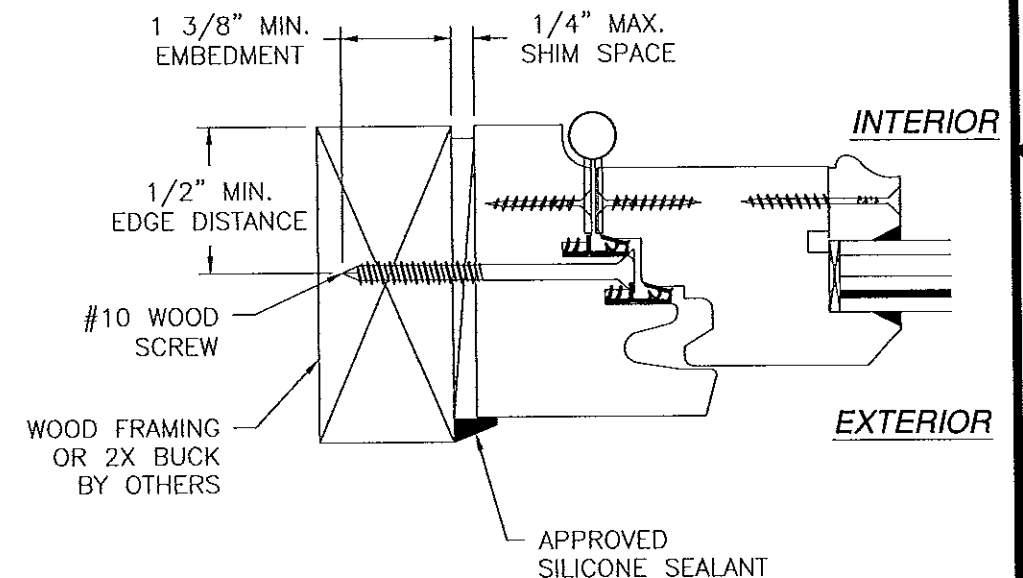


A/5 VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
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B/5 JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION



B/5 JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

NOTE:
INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT
SHOWN FOR CLARITY.

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Miami Dade Product Control

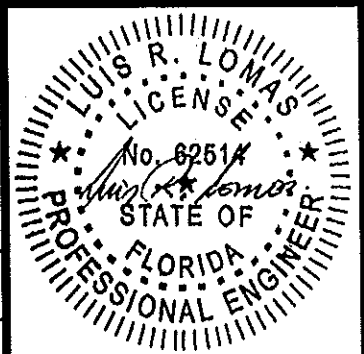
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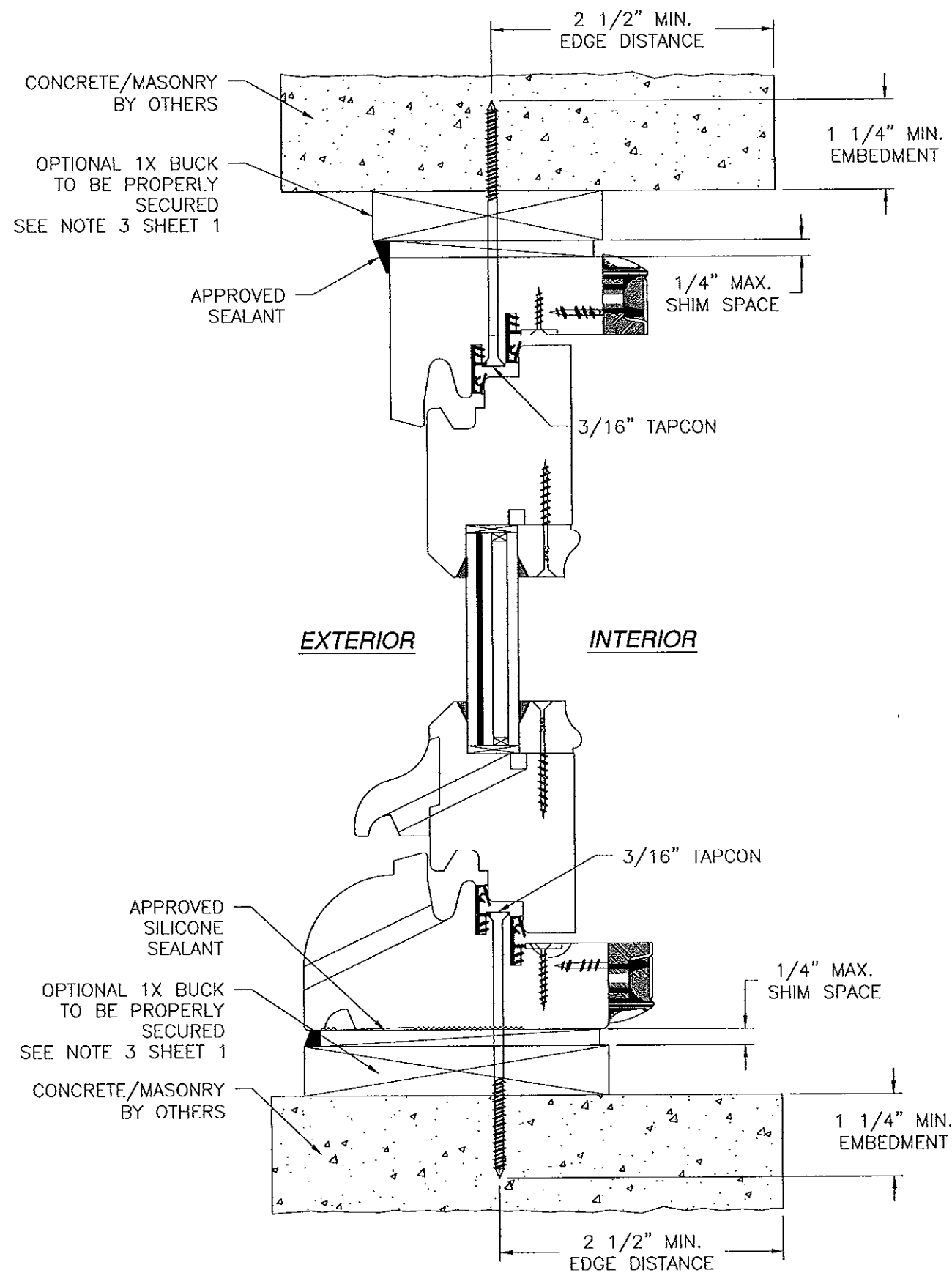
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MANOIR IN-SWING CASEMENT
SINGLE & DOUBLE
INSTALLATION DETAILS

DRAWN: V.L.	DWG NO. 08-01856	REV A
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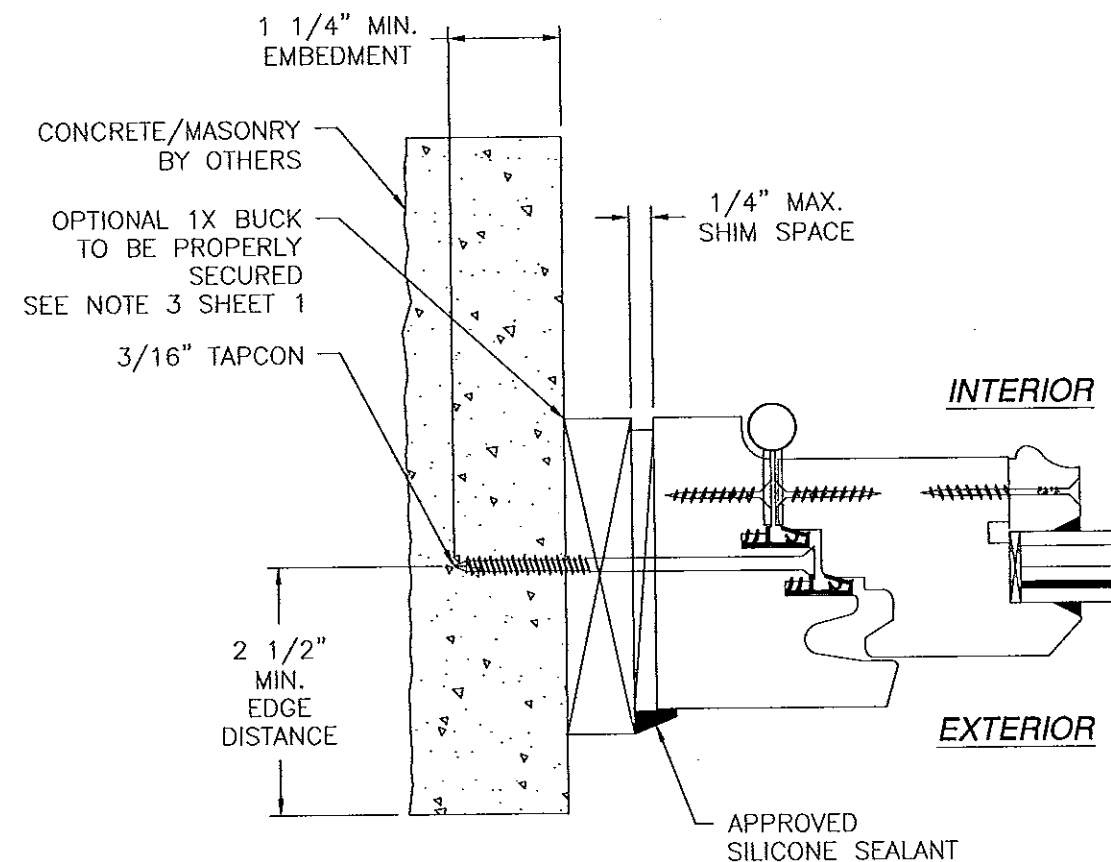
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A
6 **VERTICAL CROSS SECTION**
CONCRETE/MASONRY INSTALLATION

REVISIONS			
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B
6 **JAMB INSTALLATION DETAIL**
CONCRETE/MASONRY INSTALLATION

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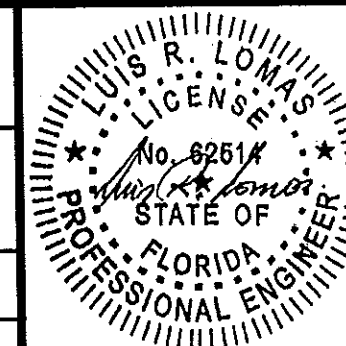
SIGNED: 07/29/2013

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NOA# 13-0327.04
Miami Dade Product Control
By Maurice Spig

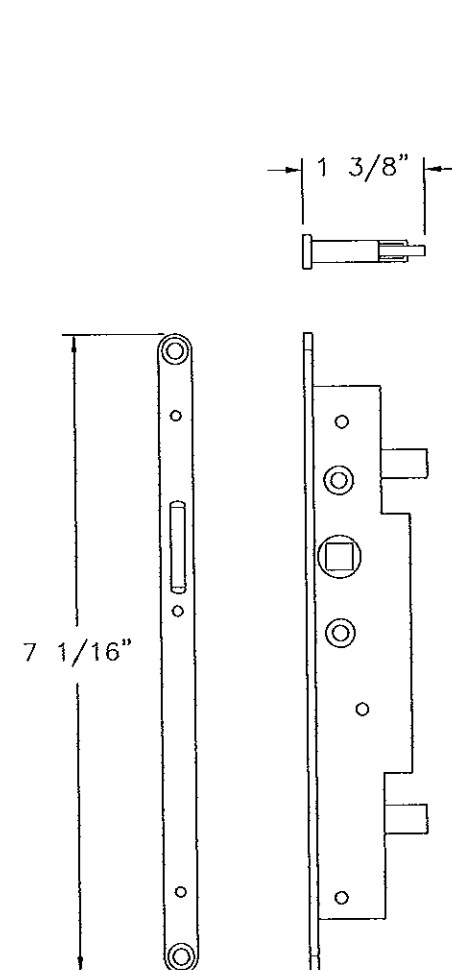
ASSELIN, INC.
2870 PEACHTREE RD. NW, #714
ATLANTA, GA 30305

MANOIR IN-SWING CASEMENT
SINGLE & DOUBLE
INSTALLATION DETAILS

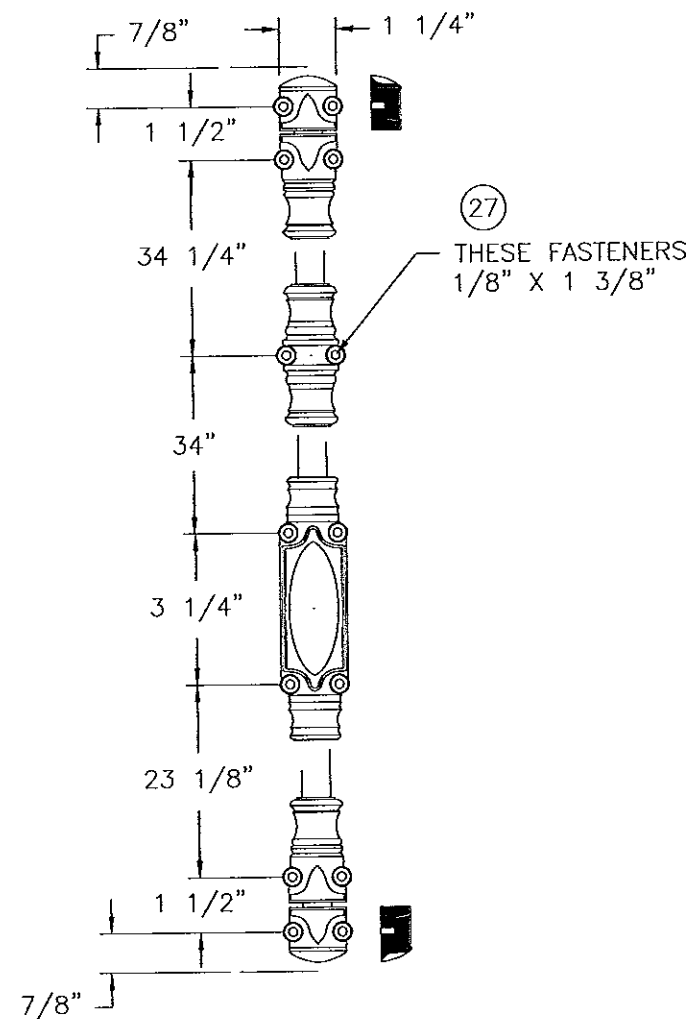
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SCALE NTS	DATE 11/26/12	SHEET 6 OF 8



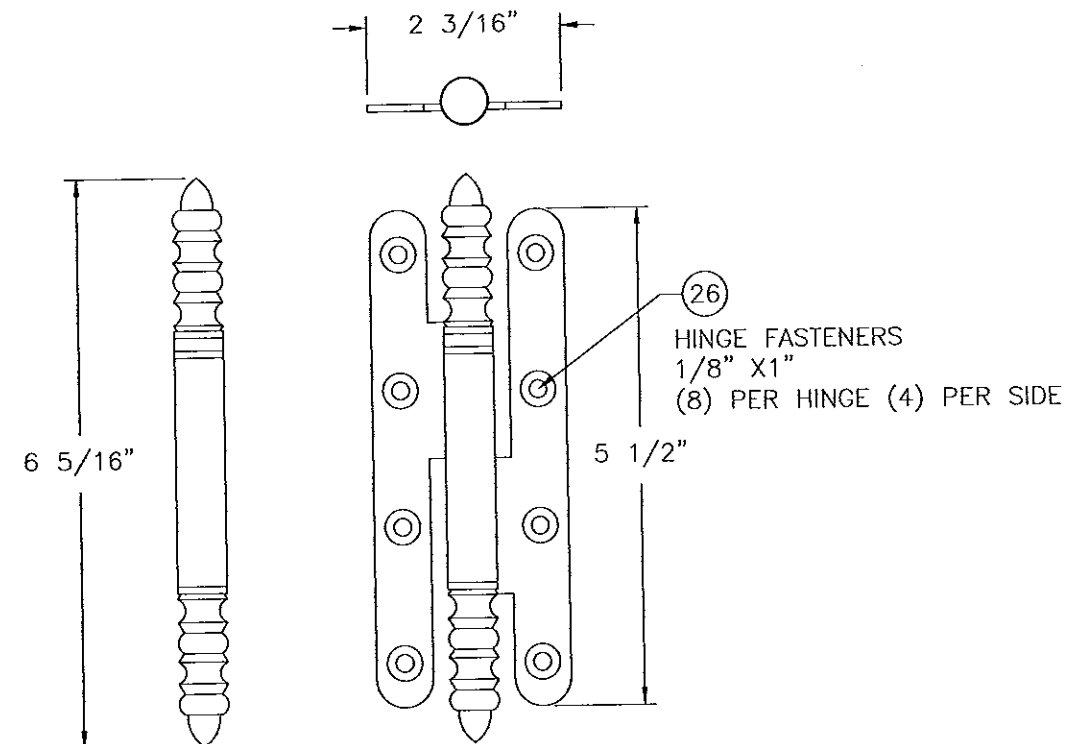
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(21) **RECESSED CREMONE**
TYPE 776 FROM FERCO



(22) **SURFACE MOUNTED CREMONE**
TYPE REMY GARNIER FULL ROD 18 MM



(23) **STEEL HINGE**
TYPE 140 X 55\"/>

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By Maurice Perry

ASSELIN, INC.
2870 PEACHTREE RD. NW, #714
ATLANTA, GA 30305

MANOIR IN-SWING CASEMENT
SINGLE & DOUBLE
HARDWARE

DRAWN:
V.L.

DWG NO.

08-01856

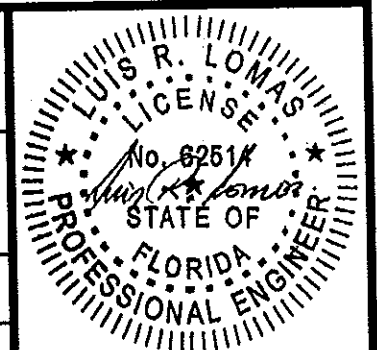
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SCALE NTS

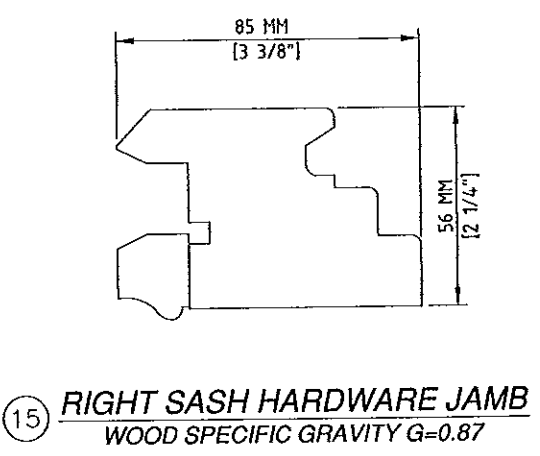
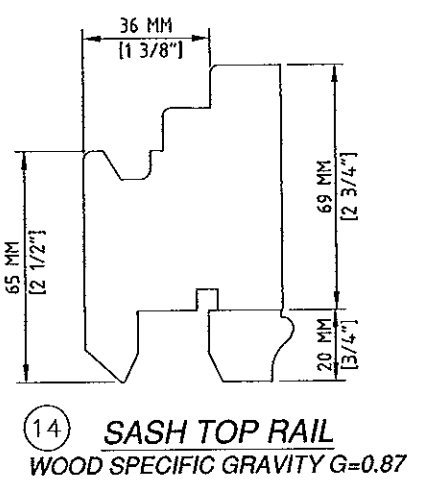
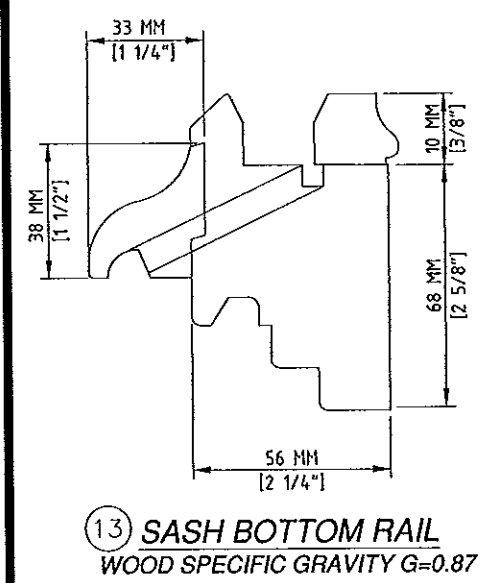
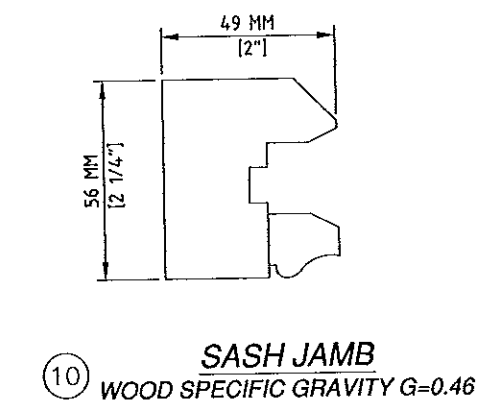
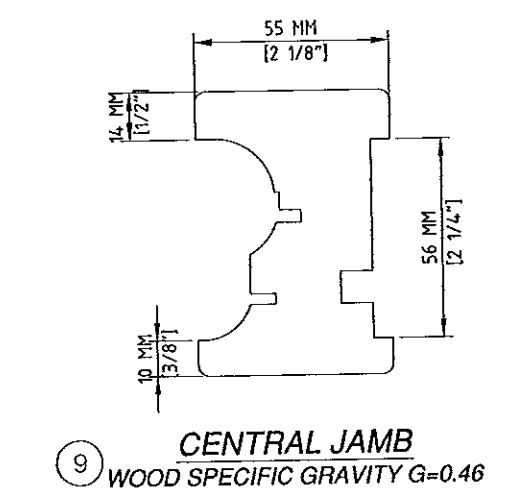
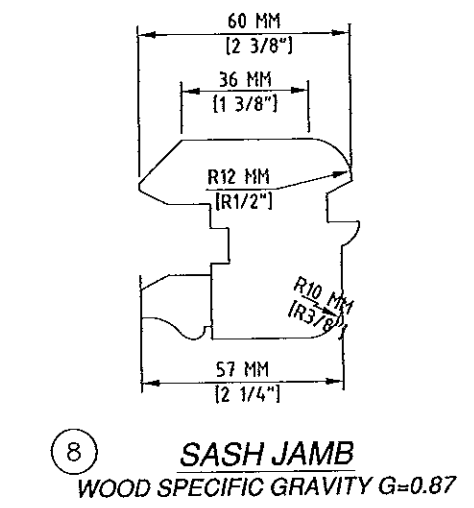
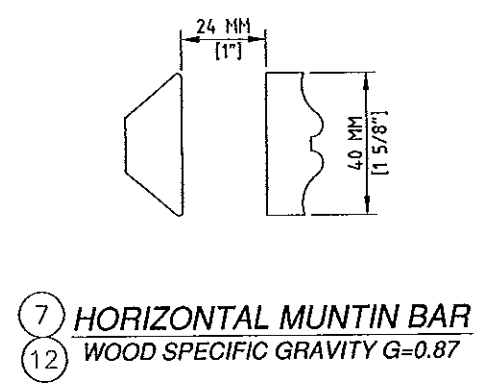
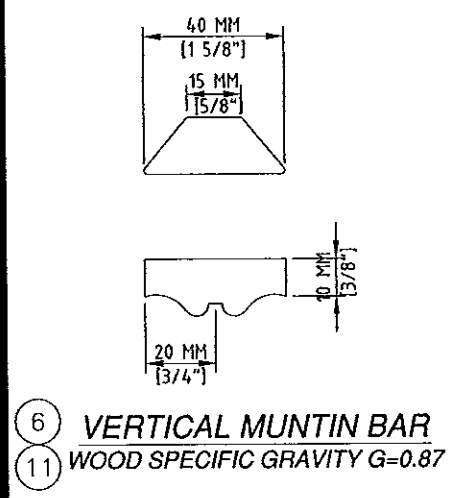
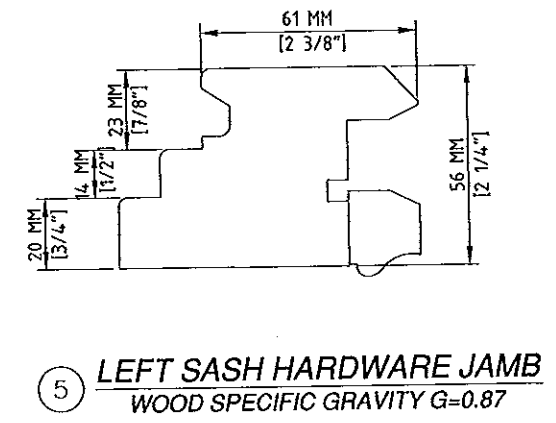
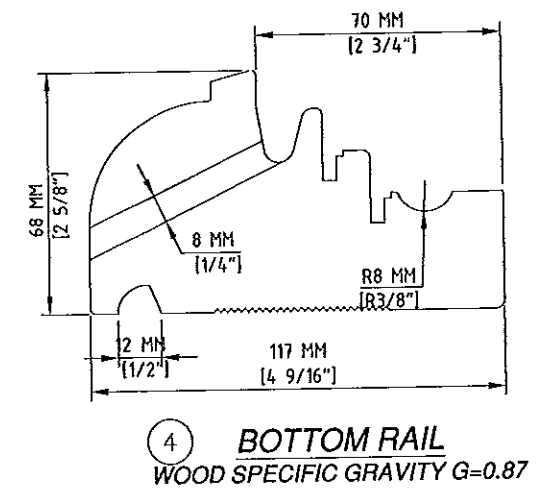
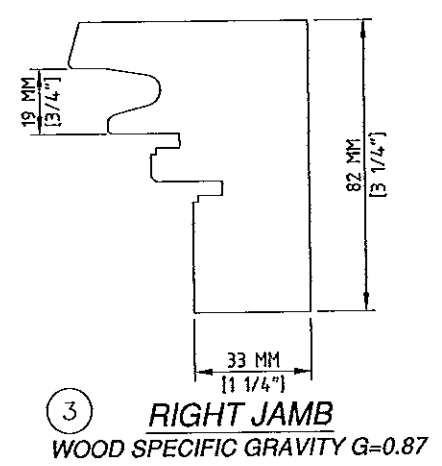
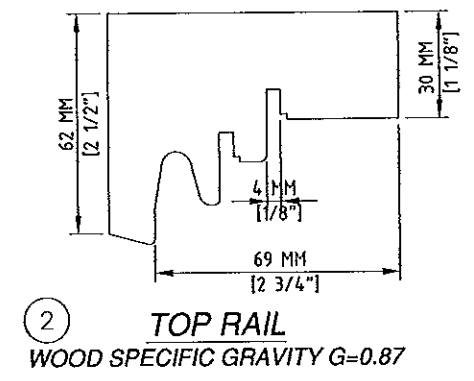
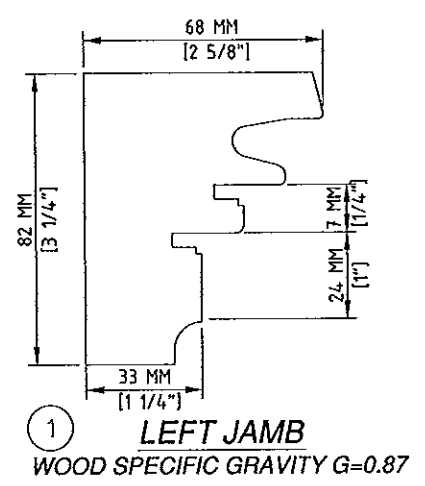
DATE 11/26/12

SHEET 7 OF 8

SIGNED: 07/29/2013



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MANOIR IN-SWING CASEMENT
SINGLE & DOUBLE
COMPONENTS

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